

SKILLERMARK et al.
Appl. No. 10/720,691
May 4, 2007

AMENDMENTS TO THE ABSTRACT:

Please amend the abstract as follows:

A mobile station for a TD-CDMA cellular system ~~includes means for~~
~~maintaining~~maintains a list of intracell interferers to the mobile station. ~~Further means (14, 16)~~
~~detect intercell~~Intercell interferers to the mobile station ~~by~~are detected using handover related
information available in the mobile station. Detected intercell interferers that fulfil a
predetermined selection criterion are added to the list of interferers. ~~Means (12) are provided for~~
~~performing interference~~Interference cancellation is performed for all interferers, both intracell
and intercell, in the list with a joint detection algorithm.

(Fig. 2)